AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0005] with the following amended paragraph:

[0005]   For example, where a peripheral area in which a light amount decreases and a drop rate in the peripheral area are known in advance, multiplication of an inverse number of the drop rate at this position realizes shading correction. After reading image data of an image by a CCD and storing the image data in a predetermined image memory, a correction value is generated using a two-dimensional coordinate and a function, and a peripheral area with the ~~deceased~~ decreased light amount is shading-corrected. In this case, correction values are stored in other memory as a correction table, and multiplication of the image data is executed using each correction value as a coefficient, to thereby correct the decreased light amount in the peripheral area.

Please replace paragraph [0015] with the following amended paragraph:

[0015]   Another aspect of the present invention is to provide a digital camera comprising: an image pickup element for capturing an image; a correction value memory for storing predetermined resolution correction data each set in advance for each one of predetermined blocks which are obtained by dividing the entire area of the image captured by the image pickup element into at least a central area and a peripheral area; and an edge enhancer for ~~edge enphasizing~~ edge-emphasizing the respective pixels based on the resolution correction data which are held in the correction value memory to thereby correct image field edge resolution reductions.